



Web-based Test Directions

Spring 2005

**Grade 8 Science
United States History to 1877
United States History: 1877 to Present
Civics & Economics
English: Reading
Algebra I
Geometry
Algebra II
Virginia and United States History
World History I
World History II
World Geography
Biology
Earth Science
Chemistry**

Virginia Department of Education

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GENERAL INSTRUCTIONS FOR ADMINISTERING ONLINE TESTS

The general instructions that follow include important steps that are necessary to administer the online tests. The Division Director of Testing (DDOT) should determine who will be responsible for activities listed below.

Prior to the test administration you should go to <http://etest.ncs.com/customers/Virginia/index.htm> and login using the Login ID and Password provided to you by your School Test Coordinator (STC). The first time you use the newly assigned Login ID and Password, you will be required to read and accept the *Test Security Guidelines*. After doing so, a "printable" version of the security guidelines will appear complete with signature lines. You may print and sign this version or copy and sign the Test Security Guidelines included in this manual.

On the morning of testing, Examiners will need to receive all materials needed to administer the online SOL tests. The STC should provide Examiners with:

- Student Authorization tickets
- Proctor Authorization ticket (if Read-Aloud session)
- Test Session Roster (optional)
- Appropriate test manipulatives

Prior to the students arriving, the STC should locate and start the test sessions that are scheduled for the day. Follow the steps below to locate and start the test sessions:

1. Go to the Virginia Home Page (<http://etest.ncs.com/customers/virginia/>).
2. Click on *Virginia SOL Web-based Assessments Program*.
3. Click on *Session Management*.
4. Click on the *View or Maintain an Existing Session*.
5. Login with your Login ID and Password.
6. Select the appropriate administration from the drop-down window labeled Test Administration.
7. Select the appropriate school or group from the School drop-down window.
8. Select "All tests for the administration" from the drop-down window labeled Test To Be Administered.
9. Select "Not Started and Started" from the drop-down window labeled View Session With Status.
10. From the list of sessions that appear, click on a session name scheduled for the day.
11. Click on the *Start* button in the lower right-hand corner of the Session Roster to activate the Student Authorization tickets (test tickets).
12. A message will prompt you that you have requested to start the session; click the *OK* button.
13. A subsequent message will prompt that you have started the session; click the *OK* button.
14. Click on *List* (next to Session Name) to view the Session List.
15. Repeat steps 9-14 until all sessions scheduled for the day have been started.

You can monitor the progress of all students assigned to a test session via the Session Roster. The color-coded boxes in the *Status* column in front of each student's name indicate the student's real-time test status:

<i>Status Color (Note)</i>	<i>Student Testing Status</i>
White (Not Started)	The student has not yet started taking the test.
Green (Started)	The student has started taking the test.
Yellow (Resume)	The student exited the test and has been authorized to resume the test.
Orange (Exited)	The student exited TestNav and needs to be resumed before completing the test.
Red (Stopped)	The student has submitted the answers to be scored.

Be sure to click the *Restore* button (bottom left-hand side of the Session Roster) frequently while viewing sessions. This button will update the students' status. Do **not** use the F5 button on your keyboard to refresh your screen.

As students begin to login and start the test, the Student Status will turn green. As students complete their test, the Student Status will turn red; a red status cannot be restarted. If a student exits TestNav (either inadvertently or purposefully) before completing the test, the Student Status will turn orange.

If a student exits their test without completing it, their login information will need to be re-activated. To do this, open the Session Roster. Click the *Resume* button in the Resume column next to the exited student's name on the Session Roster. The student's status will change to yellow indicating that the student's test can begin again. The student should log back in to TestNav using the original test ticket. When re-entering the system, the student should be taken back to within the last two questions answered.

However, if a student loses connection and is still showing as *Started*, but they are no longer in the test (for example, the computer powered down unexpectedly), go to the Session Roster and click the *Resume* button next to the exited student's name. Please do not click that button until it has been confirmed that the student is NO LONGER in the test.

All directions in the Test Directions Manual that Examiners must read aloud to the students are in **bold type** so that they stand out from the rest of the text. They must be read **exactly as they are written**, using a natural tone and manner.

If a mistake is made in reading a direction, the Examiner should stop and say, **"No that is wrong. I must re-read it to you. Listen again."** Then read the direction through again.

Try to maintain a natural classroom atmosphere during the test administration. Encourage students to do their best.

The online tests are divided into sections. The directions and sample item(s) are in Section 1 of all online tests. The English: Reading test will also have a section for each reading passage and its associated questions.

If the sample question is not answered, the summary screen that is displayed when a student *submits* the test will indicate that one question is unanswered. To navigate between the sections, click on the *Go to...* button on the dashboard. This button will take the student to the Item Review screen. The sections are designated in the upper right-hand corner of the screen and appear as black diamonds. The diamond for the section the student is currently in will be blue. Students may click on the diamond with a "1" to return to the directions and sample question.

If a student asks a question during the test, be very careful when answering. If the student's question refers to the mechanics of testing, such as how to navigate to the next question, it can be answered. If the question refers to a particular item, the student should be told, "Read it carefully and do just what it says." Help must not be given on specific items, and no cues should be given about the correctness of a student's answer to a particular item.

Test questions may **not** be read to students unless specified by their IEPs, 504 Management Plans, or *LEP SOL Participation Plan*. **If in doubt, it is better to say that you cannot respond to the student's question rather than risk violating standard procedures.**

During the test administration, Examiners should monitor the testing process by moving as unobtrusively as possible about the room. While moving about the room, they need to check that students are selecting their answers properly.

Have extra pencils, erasers, and scratch paper available in an accessible place.

Examiners should focus their attention on monitoring the testing process during the test administration and should not spend time reviewing test items.

DISTRIBUTION AND AVAILABILITY OF TEST MANIPULATIVES

Test manipulatives listed below are stored in the school division. For online testing, all manipulatives are available on the toolbar in TestNav™ (except for a graphing calculator, scientific calculator and scratch paper). Only those tools allowed for a given online SOL test are available on the toolbar. The eTools™ Live application (available at <http://etest.ncs.com/customers/Virginia/vasol/resources.htm>) may be used to give students additional practice with using the online tools.

Test Manipulatives

Grade/Subject	Manipulatives Allowed
Grade 8 Science	metric/standard ruler ³ , 4-function calculator ² , scratch paper
United States History to 1877	scratch paper
United States History: 1877 to Present	scratch paper
Civics & Economics	scratch paper
Algebra I	metric/standard ruler ³ , graphing calculator ¹ , formula sheet ² , scratch paper
Geometry	metric/standard ruler ³ , graphing calculator ¹ , formula sheet ² , compass ³ , straightedge ³ , scratch paper
Algebra II	metric/standard ruler ³ , graphing calculator ¹ , formula sheet ² , scratch paper
Earth Science	metric/standard ruler ³ , 4-function calculator ² OR scientific calculator ¹ OR graphing calculator ¹ , scratch paper
Biology	metric/standard ruler ³ , 4-function calculator ² OR scientific calculator ¹ OR graphing calculator ¹ , scratch paper
Chemistry	metric/standard ruler ³ , 4-function calculator ² OR scientific calculator ¹ OR graphing calculator ¹ , Periodic Table of Elements ² , scratch paper
English: Reading	scratch paper
World History I	scratch paper
World History II	scratch paper
Virginia and United States History	scratch paper
World Geography	scratch paper

¹ Students must use their hand-held graphing/scientific calculator as an online graphing/scientific calculator does not exist.

² Students may choose to use the hand-held test manipulative rather than the online tool.

³ Students must use the online version of this test manipulative.

DDOTs must distribute the hand-held manipulatives necessary to the schools before testing begins. STCs may distribute the hand-held manipulatives to Examiners prior to testing or on the morning of testing. However, formula sheets and the Periodic Table of Elements should be delivered to Examiners on the morning of testing. Copies of the formula sheets and the Periodic Table of Elements are available at

<http://www.pen.k12.va.us/VDOE/Assessment/Manipulatives/>

These guidelines should be followed when addressing calculator use on the SOL tests:

- Students should be familiar with the calculator they are to use. Do not let testing time be the first time a student uses a calculator.
- Either a school-owned, student-owned, or the online calculator may be used on the test. For the online *Mathematics* tests, a graphing calculator is **not** available to students as a tool on the tool bar. Therefore, the school-owned or student-owned calculator must be used on the *Algebra I*, *Geometry*, or *Algebra II* tests.
- Students may use four-function, scientific, or graphing calculators on the EOC *Science* tests.

NOTE

Acceptable calculator model types are as follows:

- Four-function calculator having percent and square root functions
 - Approved scientific calculators are TI-30Xa SEVA, CASIO FX-260-School, Sharp 501 WBBK, Sharp EL501V
 - Approved graphing calculators are TI-82, TI-83, TI84 series (including Plus models), CASIO 9850G series, and CASIO 9750G
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- Students may **not** use four-function or scientific calculators on the EOC *Mathematics* tests. Only a graphing calculator is allowed.
 - The graphing calculator's memory must be reset prior to test administration. Clear all memory contents not built into the calculator by its manufacturer. Examiners must also ensure that the graphing calculator is in the correct mode before test administration begins.

NOTE

For EOC *Mathematics* tests, acceptable graphing calculator model types are: CASIO 9850G, CASIO 9850G Plus, CASIO 9750G Plus Series, TI-82, TI-83, TI-83 Plus, or TI-84 Plus. Two of these model types (CASIO 9850G Plus and TI-83) have been provided to school divisions for use in meeting the requirements of the Standards of Learning. Because many school divisions have been using the earlier model types, CASIO 9850G and TI-82, in instruction prior to receiving the state's shipment, their use is also allowed on the SOL EOC *Mathematics* tests. If students are using other models of graphing calculators, make sure that those calculators' functions do not exceed the specifications of the models listed above. Otherwise, students will have an unfair advantage over others who are using an approved calculator.

Items on the EOC SOL *Mathematics* tests are designed to be calculator-neutral or calculator-inactive. Calculator-neutral items are those that can be solved correctly without a graphing calculator, but the use of one may be helpful. Calculator-inactive items are those in which there is **no** advantage to using a calculator.

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE GRADE 8 SCIENCE TEST

SAY Today you will be taking the SOL *Grade 8 Science* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. You may use the 4-function calculator available online or a hand-held calculator. If you would like to use a hand-held calculator and need one for the test, please raise your hand. Do not do anything until I instruct you to do so.

Distribute scratch paper and Student Authorization tickets. Distribute calculators to the appropriate students. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY If you have a hand-held calculator, check to be sure it is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. In a moment, you will have the opportunity to practice with the online 4-function calculator as well. Are there any questions?

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the “lightning bolt” TestNav™ icon which looks like a ‘T’ on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

The test questions will appear one at a time. On the screen, you will see the question and four possible answers. The computer will only allow you to choose one answer for each question.

You can use the mouse or keyboard to choose answers and move through the test. To answer a question using the mouse, place the pointer over an answer and click once.

To answer a question using your keyboard, type the letter that matches your answer. For example, to select answer A, type the letter A on your keyboard.

To move through the test using the mouse, click on the *Next*, *Back*, or *Go to...* buttons at the bottom of each screen. If you do not see the buttons, you need to scroll down using the scroll bar on the right hand side of the window.

To move through the test using the keyboard, use the keystrokes listed below. These keystrokes are also printed on the bottom of your test ticket. [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow.....	Back	(returns to the previous screen)
CTRL/Control + G.....	Go to...	(goes to review screen)
CTRL/Control + Delete/Del.....	Reset	(clears answer from the current question)
CTRL/Control + R.....	Review	(marks the question for later review)
CTRL/Control + Right Arrow.....	Next	(moves you to the next screen)
Page Up.....	Scroll up	
Page Down.....	Scroll down	

The tools for this test can be used by clicking the tool's icon on the toolbar at the top of the window. For help with a tool, click on the *Help* icon on the toolbar.

You may use your scratch paper at any time.

Do not try to leave the test by closing the window. If you close the window, your test will be ended. You will then need to ask the Examiner for help to restart your test.

Read each question and choose the best answer. Using your mouse or keyboard, select the answer you have chosen.

At the bottom of this page, click the *Next* button. The sample item will appear. Be sure to choose an answer to the sample question. If you do not answer the sample question, the summary screen at the end of the test will show that one question is not answered.

Wait for students to click *Next*.

SAY Read the sample to yourself as I read it aloud. "These animals are grouped together because all of them — (A) live in the water, (B) are fish, (C) are warm-blooded, (D) lay eggs."

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "A." Does everyone understand why "A" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE UNITED STATES HISTORY TO 1877 TEST

SAY Today you will be taking the SOL *United States History to 1877* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

The test questions will appear one at a time. On the screen, you will see the question and four possible answers. The computer will only allow you to choose one answer for each question.

You can use the mouse or keyboard to choose answers and move through the test. To answer a question using the mouse, place the pointer over an answer and click once.

To answer a question using your keyboard, type the letter that matches your answer. For example, to select answer A, type the letter A on your keyboard.

To move through the test using the mouse, click on the *Next*, *Back*, or *Go to...* buttons at the bottom of each screen. If you do not see the buttons, you need to scroll down using the scroll bar on the right hand side of the window.

To move through the test using the keyboard, use the keystrokes listed below. These keystrokes are also printed on the bottom of your test ticket. [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow.....	Back	(returns to the previous screen)
CTRL/Control + G.....	Go to...	(goes to review screen)
CTRL/Control + Delete/Del.....	Reset	(clears answer from the current question)
CTRL/Control + R.....	Review	(marks the question for later review)
CTRL/Control + Right Arrow.....	Next	(moves you to the next screen)
Page Up.....	Scroll up	
Page Down.....	Scroll down	

The tools for this test can be used by clicking the tool's icon on the toolbar at the top of the window. For help with a tool, click on the *Help* icon on the toolbar.

You may use your scratch paper at any time.

Do not try to leave the test by closing the window. If you close the window, your test will be ended. You will then need to ask the Examiner for help to restart your test.

Read each question and choose the best answer. Using your mouse or keyboard, select the answer you have chosen.

At the bottom of this page, click the *Next* button. The sample item will appear. Be sure to choose an answer to the sample question. If you do not answer the sample question, the summary screen at the end of the test will show that one question is not answered.

Wait for students to click *Next*.

NOTE

The sample item is different if you are using form numbers 5K61Q-5K66Q. If you are using one of these forms:

SAY Read the sample to yourself as I read it aloud. "Before the Civil War, the issue that created the most problems between the North and South was —(A) taxes, (B) agriculture, (C) slavery, (D) trade."

SAY Read the sample to yourself as I read it aloud. "Four of America's first five Presidents were from the state of — (A) New York, (B) Massachusetts, (C) Virginia, (D) Pennsylvania."

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

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SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE UNITED STATES HISTORY: 1877 TO PRESENT TEST

SAY **Today you will be taking the SOL *United States History: 1877 to Present* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.**

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY **Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.**

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SAY ***In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.**

SAY **From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.**

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To answer a question using your keyboard, type the letter that matches your answer. For example, to select answer A, type the letter A on your keyboard.

To move through the test using the mouse, click on the *Next*, *Back*, or *Go to...* buttons at the bottom of each screen. If you do not see the buttons, you need to scroll down using the scroll bar on the right hand side of the window.

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At the bottom of this page, click the *Next* button. The sample item will appear. Be sure to choose an answer to the sample question. If you do not answer the sample question, the summary screen at the end of the test will show that one question is not answered.

Wait for students to click *Next*.

SAY Read the sample to yourself as I read it aloud. "Thomas Edison and Alexander Graham Bell were both — (A) politicians, (B) teachers, (C) inventors, (D) poets."

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE CIVICS & ECONOMICS TEST

SAY Today you will be taking the SOL *Civics & Economics* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

The test questions will appear one at a time. On the screen, you will see the question and four possible answers. The computer will only allow you to choose one answer for each question.

You can use the mouse or keyboard to choose answers and move through the test. To answer a question using the mouse, place the pointer over an answer and click once.

To answer a question using your keyboard, type the letter that matches your answer. For example, to select answer A, type the letter A on your keyboard.

To move through the test using the mouse, click on the *Next*, *Back*, or *Go to...* buttons at the bottom of each screen. If you do not see the buttons, you need to scroll down using the scroll bar on the right hand side of the window.

To move through the test using the keyboard, use the keystrokes listed below. These keystrokes are also printed on the bottom of your test ticket. [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow.....Back (returns to the previous screen)

CTRL/Control + G.....	Go to...	(goes to review screen)
CTRL/Control + Delete/Del.....	Reset	(clears answer from the current question)
CTRL/Control + R.....	Review	(marks the question for later review)
CTRL/Control + Right Arrow.....	Next	(moves you to the next screen)
Page Up.....	Scroll up	
Page Down.....	Scroll down	

The tools for this test can be used by clicking the tool's icon on the toolbar at the top of the window. For help with a tool, click on the *Help* icon on the toolbar.

You may use your scratch paper at any time.

Do not try to leave the test by closing the window. If you close the window, your test will be ended. You will then need to ask the Examiner for help to restart your test.

Read each question and choose the best answer. Using your mouse or keyboard, select the answer you have chosen.

At the bottom of this page, click the *Next* button. The sample item will appear. Be sure to choose an answer to the sample question. If you do not answer the sample question, the summary screen at the end of the test will show that one question is not answered.

Wait for students to click *Next*.

SAY Read the sample to yourself as I read it aloud. "What is the minimum voting age in Virginia? (A) 16, (B) 19, (C) 18, (D) 21."

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE ALGEBRA I TEST

SAY Today you will be taking the SOL *Algebra I* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a graphing calculator, a formula sheet, a sheet of scratch paper, and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute calculators, formula sheets, and scratch paper. Distribute Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Check to make sure your hand-held calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. There is not a graphing calculator available online. Are there any questions?

Answer all questions. Important: Verify that the memory of each student's calculator has been cleared.

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as I read the directions aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the letter of the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler or formula sheet, and you may use the calculator whenever you want. You must use the online ruler. You may use the online or hand-held formula sheet. You must use a hand-held calculator. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and solve each problem. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE GEOMETRY TEST

SAY Today you will be taking the SOL *Geometry* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a graphing calculator, a formula sheet, a sheet of scratch paper, and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute calculators, formula sheets, and scratch paper. Distribute Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Check to be sure your hand-held calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. There is not a graphing calculator available online. Are there any questions?

Answer all questions. Important: Verify that the memory of each student's calculator has been cleared.

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "A." Does everyone understand why "A" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. For some questions, you will need to use the online compass. Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler or formula sheet, and you may use the calculator whenever you want. You must use the online ruler. You may use the online or hand-held formula sheet. You must use a hand-held calculator. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and solve each problem. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE ALGEBRA II TEST

SAY Today you will be taking the SOL *Algebra II* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of a graphing calculator, a formula sheet, a sheet of scratch paper, and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute calculators, formula sheets, and scratch paper. Distribute Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Check to be sure your hand-held calculator is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. There is not a graphing calculator available online. Are there any questions?

Answer all questions. Important: Verify that the memory of each student's calculator has been cleared.

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as I read the directions aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler or formula sheet, and you may use the calculator whenever you want. You must use the online ruler. You may use the online or hand-held formula sheet. You must use a hand-held. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and solve each problem. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE EARTH SCIENCE TEST

- SAY **Today you will be taking the SOL *Earth Science* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. You may use the 4-function calculator available online or a 4-function or scientific hand-held calculator. If you would like to use a hand-held calculator and need one for the test, please raise your hand. Do not do anything until I instruct you to do so.**

Distribute scratch paper and Student Authorization tickets. Distribute calculators to the appropriate students. (Ensure that students also have any needed materials or supplies required for accommodations.)

- SAY **If you have a hand-held calculator, check to be sure it is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. In a moment, you will have the opportunity to practice with the online 4-function calculator as well. There is not a scientific calculator available online. Are there any questions?**

Answer all questions.

- SAY **Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.**

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

- SAY ***Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.**

- SAY ***In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.**

- SAY **From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.**

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

- SAY **Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.**

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left ArrowBack (returns to the previous screen)
CTRL/Control + GGo to (navigates to review screen)
CTRL/Control + Delete/DelReset (clears response from the current question)
CTRL/Control + RReview (marks the question for later review)
CTRL/Control + Right ArrowNext (moves you to the next screen)
Page UpScroll up
Page DownScroll down

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY **Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the letter of the response from your keyboard.**

Wait for students to select their response.

SAY **Does everyone understand how to select the response on the computer that you believe to be correct?**

Pause. Answer all questions.

SAY **Which answer did you choose?**

Pause for replies.

SAY **Yes, the best answer is "B." Does everyone understand why "B" is the best answer? Are there any questions?**

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler, and you may use the calculator whenever you want. You may use the online or hand-held 4-function calculator. You must use a hand-held graphing or scientific calculator. You must use the online ruler. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE BIOLOGY TEST

SAY Today you will be taking the SOL *Biology* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you, a sheet of scratch paper and a Student Authorization ticket. You may use the 4-function calculator available online or a 4-function or scientific hand-held calculator. If you would like to use a hand-held calculator and need one for the test, please raise your hand. Do not do anything until I instruct you to do so.

Distribute scratch paper and Student Authorization tickets. Distribute calculators to the appropriate students. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY If you have a hand-held calculator, check to be sure it is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. In a moment, you will have the opportunity to practice with the online 4-function calculator as well. There is not a scientific calculator available online. Are there any questions?

Answer all questions.

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left ArrowBack (returns to the previous screen)
CTRL/Control + GGo to (navigates to review screen)
CTRL/Control + Delete/DelReset (clears response from the current question)
CTRL/Control + RReview (marks the question for later review)
CTRL/Control + Right ArrowNext (moves you to the next screen)
Page UpScroll up
Page DownScroll down

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY **Read the sample question. Decide which is the best answer to the question. Either click on the appropriate answer or select the response from your keyboard.**

Wait for students to select their response.

SAY **Does everyone understand how to select the response on the computer that you believe to be correct?**

Pause. Answer all questions.

SAY **Which answer did you choose?**

Pause for replies.

SAY **Yes, the best answer is "D." Does everyone understand why "D" is the best answer? Are there any questions?**

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler, and you may use the calculator whenever you want. You may use the online or hand-held 4-function calculator. You must use a hand-held graphing or scientific calculator. You must use the online ruler. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE CHEMISTRY TEST

SAY Today you will be taking the SOL *Chemistry* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you, the Periodic Table of Elements, a sheet of scratch paper and a Student Authorization ticket. You may use the 4-function calculator available online or a 4-function or scientific hand-held calculator. If you would like to use a hand-held calculator and need one for the test, please raise your hand. Do not do anything until I instruct you to do so.

Distribute the Periodic Table of Elements, scratch paper, and Student Authorization tickets. Distribute calculators to the appropriate students. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY If you have a hand-held calculator, check to be sure it is operating correctly. Be sure you understand which keys to press for the numbers and which keys to press for the operations. In a moment, you will have the opportunity to practice with the online 4-function calculator as well. There is not a scientific calculator available online. Are there any questions?

Answer all questions.

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY **Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.**

Wait for students to select their response.

SAY **Does everyone understand how to select the response on the computer that you believe to be correct?**

Pause. Answer all questions.

SAY **Which answer did you choose?**

Pause for replies.

SAY **Yes, the best answer is "A." Does everyone understand why "A" is the best answer? Are there any questions?**

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. For some questions you may need to use the ruler, and you may use the calculator whenever you want. You may use the online or hand-held 4-function calculator. You must use a hand-held graphing or scientific calculator. You must use the online ruler. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE ENGLISH: READING TEST

SAY Today you will be taking the SOL *English: Reading* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a Student Authorization ticket and a piece of scratch paper. Do not do anything until I instruct you to do so.

Distribute Student Authorization tickets and scratch paper. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. I'm going to read parts of them aloud.

[In the event that students ask, some test forms do have parts of the directions in a slightly different order. The same information, however, is provided on all forms.]

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)

CTRL/Control + Right Arrow.....Next (moves you to the next screen)
Page Up.....Scroll up
Page Down.....Scroll down

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY **Read the sample poem to yourself.**

Pause while students read the sample poem.

SAY **Now look at the first sample question. Read the question and choose the best answer to the question. Either click on the appropriate answer or select the response from your keyboard.**

Wait for students to select their response.

SAY **Does everyone understand how to select the response on the computer that you believe to be correct?**

Pause. Answer all questions.

SAY **Which answer did you choose?**

Pause for replies.

SAY **Yes, the best answer is "D." Does everyone understand why "D" is the best answer? Are there any questions?**

Answer all questions.

SAY **Click next to see the second sample question. Read the question to yourself and choose the best answer to the question. Either click on the appropriate answer or select the response from your keyboard.**

Wait for students to select their response.

SAY **Which answer did you choose?**

Pause for replies.

SAY **That's right. The best answer is "A." Does everyone understand why "A" is the best answer? Are there any questions?**

Answer all questions.

SAY **The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.**

Pause while the students explore using the tools.

SAY **At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.**

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY **You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.**

Remember, read each passage; then answer the questions about the passage. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY **Click the NEXT button. You may start working now.**

After about 1 hour or when most students have finished,

SAY **Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket, you may sit quietly or read if you wish.**

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE VA AND UNITED STATES HISTORY TEST

SAY Today you will be taking the SOL *Virginia and United States History* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to select their response.

SAY **Does everyone understand how to select the response on the computer that you believe to be correct?**

Pause. Answer all questions.

SAY **Which answer did you choose?**

Pause for replies.

SAY **Yes, the best answer is "B." Does everyone understand why "B" is the best answer? Are there any questions?**

Answer all questions.

SAY **The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.**

Pause while the students explore using the tools.

SAY **At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.**

SAY **Does anyone have any questions about how to use the test delivery application?**

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE WORLD HISTORY I TEST

SAY Today you will be taking the SOL *World History I* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [http://www7.etest.ncspearson.com/VASOL/] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE WORLD HISTORY II TEST

SAY Today you will be taking the SOL *World History II* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

SAY Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

SAY *Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.

SAY *In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [http://www7.etest.ncspearson.com/VASOL/] Click on the GO button. You will now be directed to the Login screen.

SAY From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

SAY Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
Page Down	Scroll down	

Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

If tools are available for this test, they can be accessed by clicking the appropriate icon on the toolbar at the top of the screen. For help with a tool, click on the help icon on the toolbar at the top of the screen.

If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "C." Does everyone understand why "C" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

SAY You should answer all the questions and keep working until you come to the end of the test. You may have as much time as you need to complete this test. Use scratch paper for any work you need to do, but make sure to select your answers on the computer screen.

Remember, read and answer each question. Choose the best answer for each question. Please raise your hand if you have any questions or computer difficulties during the test. When you have finished your test, please raise your hand. Do NOT click Submit or Exit Test without permission from the Examiner or Proctor. Does everyone understand what to do?

After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

SPECIFIC DIRECTIONS FOR ADMINISTERING THE ONLINE WORLD GEOGRAPHY TEST

- SAY **Today you will be taking the SOL *World Geography* test. This test will provide information about how well you understand this subject. It is important that you do your best on this test. I'm going to give each of you a sheet of scratch paper and a Student Authorization ticket. Do not do anything until I instruct you to do so.**

Distribute scratch paper and the Student Authorization tickets. (Ensure that students also have any needed materials or supplies required for accommodations.)

- SAY **Look at the Student Authorization ticket. Your name should appear next to Student Name. If you have a ticket for someone other than yourself please raise your hand now.**

[*You may skip these next two directions if you have launched TestNav™ and entered the URL so that the login screen is displaying on the computer screen when the students enter the testing location.]

- SAY ***Find the "lightning bolt" TestNav™ icon which looks like a 'T' on your desktop. Double click on this icon. Wait until the TestNav™ browser is on your computer screen.**

- SAY ***In the Address area at the top of the screen, enter the URL found on your Student Authorization ticket. [<http://www7.etest.ncspearson.com/VASOL/>] Click on the GO button. You will now be directed to the Login screen.**

- SAY **From your Student Authorization ticket you should enter the User Name, Password, and Test Code exactly as you see it on your ticket. Click on the Login button.**

Students will be able to see their names in the upper left-hand corner of the screen as well as be able to see the percentage complete of the download of the initial part of the test. Once a student has successfully logged into the system, he/she will see the directions page. Continue when all students have logged in successfully.

- SAY **Look at the directions on your computer screen. Follow along on the computer screen as the directions are read aloud.**

Test questions will be presented one at a time. Each question will be followed by several possible answers. The computer will allow you to have only one answer selected at a time for each question.

You can use the mouse or keyboard to navigate and select answers in TestNav™. To answer a question using the mouse, position the pointer over an answer and click once. To answer a question using your keyboard, simply type the letter that corresponds to the answer you wish to select. For example, to select option A, type the letter A on your keyboard.

Listed below are the available keystrokes and definitions: [You may skip reading the keystroke combinations section below.]

CTRL/Control + Left Arrow	Back	(returns to the previous screen)
CTRL/Control + G	Go to	(navigates to review screen)
CTRL/Control + Delete/Del	Reset	(clears response from the current question)
CTRL/Control + R	Review	(marks the question for later review)
CTRL/Control + Right Arrow	Next	(moves you to the next screen)
Page Up	Scroll up	
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Navigation buttons appear at the bottom of the screen for each question. If you do not see the navigation buttons, you need to scroll down to reveal them. A scroll bar will appear on the right hand side of the window.

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If the screen is divided into two parts, the upper part displays information and the lower part displays the question. Each area will display a scroll bar if needed.

Do not attempt to leave the testing system by closing the window. Doing so will result in termination of the test. Restarting a test requires the test administrator's assistance.

Throughout the test, read and answer each question. Select the best answer using your mouse or keyboard.

For the Algebra I and Algebra II tests, you may assume that the value of a denominator is not zero.

At the bottom of this page, click the Next button, and a sample item will appear. Be sure to select an answer to the sample question before proceeding. Otherwise, the summary screen will show that one question is unanswered.

Wait for students to click *Next*.

SAY Read the sample question to yourself and choose the best answer. Either click on the appropriate answer or select the response from your keyboard.

Wait for students to select their response.

SAY Does everyone understand how to select the response on the computer that you believe to be correct?

Pause. Answer all questions.

SAY Which answer did you choose?

Pause for replies.

SAY Yes, the best answer is "B." Does everyone understand why "B" is the best answer? Are there any questions?

Answer all questions.

SAY The tools available for this test appear in the toolbar at the top of your screen. Directions on how to use each tool appear in the Help menu (designated by the question mark icon). Take a moment to click on the various tools while viewing the sample question.

Pause while the students explore using the tools.

SAY At any time during the test, you may click on the Review box located on the dashboard to select that question for later review. At the end of the test, an Item Review screen will appear. This screen will identify the questions you have not answered and the questions you have selected for review. You will be able to review any of the questions by clicking on the question link.

SAY Does anyone have any questions about how to use the test delivery application?

Pause. Answer all questions.

Before actual testing starts, make sure the test procedures are very clear to the students. Questions should be encouraged so that every student understands the mechanics of the test. When responding to questions about test procedures or sample items, you may find it necessary to go beyond simply repeating an instruction.

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After all questions have been answered,

SAY Click the NEXT button. You may start working now.

After about 1 hour or when most students have finished,

SAY Remember, when you have finished, raise your hand. After you have ended your test and turned in your Student Authorization ticket and other materials, you may sit quietly or read if you wish.

[Students should not be allowed to go online and surf the Internet as it may disrupt those still taking tests. Examiners should instruct students to leave the final screen showing and NOT to click on the "OK" button until instructed to do so.]

TEST SECURITY GUIDELINES

All persons in the division who will have access to or assist with the administration of the online or paper SOL tests must read the *Test Security Guidelines* and sign the *Test Security Agreement* before they administer any tests. This security agreement requires that persons involved in the test administration exercise the necessary precautions to ensure the security of content and all test materials. **This agreement must be completed and forwarded to the DDOT before given access to the eMeasurement™ online system and/or administering any online or paper tests.**

Test Security Guidelines and the *Test Security Agreement* are available on the following pages. In addition, when a user initially logs in to the Virginia Standards of Learning Web-based Assessments website (<http://etest.ncspearson.com/customers/Virginia/vasol/index.htm>), he/she will be prompted to read and accept the *Test Security Guidelines*. After doing so, a "printable" version of the security guidelines will appear including signature lines. The user is to print and sign this version. Some divisions do not set up the Examiners and Proctors as users on the online testing system. Therefore, they would never log in to the system to view the *Test Security Guidelines* mentioned above. In this case, a copied version of the *Test Security Agreement* and *Test Security Guidelines* on the following pages should be made available for the Examiners and/or Proctors to sign.

Divisions may make as many copies of the security agreement as necessary. Do not use file photocopies of previously signed security agreements from past administrations. Signed forms should be forwarded to the DDOT.

The following *Test Security Guidelines* and the *Test Security Agreement* are applicable to online testing as well as paper/pencil testing. Therefore, persons involved with both online and paper testing need only sign one *Test Security Agreement*. **Persons who have not signed the Test Security Agreement may not be allowed access to the any SOL tests.**

**VIRGINIA DEPARTMENT OF EDUCATION
STANDARDS OF LEARNING (SOL) WEB-BASED ASSESSMENTS**

SPRING 2005 TEST SECURITY GUIDELINES

Listed below are guidelines to assist those persons involved in the administration of the Virginia Standards of Learning (SOL) Assessments (paper and online) in determining what actions may compromise test security.

1. Students must never be exposed to unreleased test items or to the answers to unreleased test items before or following test administration. **Using unreleased test items in any form (including rewording of such test items) is STRICTLY PROHIBITED.**
2. The tests must be administered strictly in accordance with the instructions outlined in the SOL assessment manuals, this includes following proper procedures for using test manipulatives. Directions that are to be read to the students must be read exactly as they are written.
3. No test item which will be scored to obtain student test results may be used as a sample or practice item for learning how to mark responses. Sample items are included in the SOL assessments to familiarize students with the format of the items and the procedures for marking their answers.
4. Copying/printing/photographing **ALL OR ANY PART** of a SOL assessment or taking notes about the items included on a SOL assessment is **STRICTLY PROHIBITED**. As stated in the copyright by the Virginia Department of Education, testing materials may not be reproduced or used in any form or by any means, electronic or mechanical, including photocopying or recording or by any information storage or retrieval systems.
5. All persons are prohibited from attempting to formally or informally score assessments.
6. All Examiners, Proctors, or Interpreters using an Examiner Read-aloud test ticket to read an online test aloud to students requiring this accommodation are prohibited from answering test questions in the Web-based system before, during, or after the administration of the test.
7. All persons are prohibited from providing students with the answer to any unreleased test item and from making any suggestion as to how to respond to a test item at any time, whether before, during, or after a test administration. This prohibition includes provision of cues, clues, hints, and/or actual answers in any written, printed, verbal, and/or non-verbal form (including chalkboards, charts, and bulletin boards).
8. All persons are prohibited from changing students' answers to test items whether by providing hints or clues during a test administration, correcting wrong answers during a test administration, or by erasing or correcting answers or responses recorded/selected by the student.
9. Examiners administering the grade 3, 5, and 8 SOL tests are not to look ahead in the test booklets at tests that have not yet been administered.
10. All persons are prohibited from logging into TestNav™, the Web-based application, posing as a student, current or fabricated, to view any tests. Only a student whose name appears on a test ticket is permitted to log in and take a SOL Web-based Assessment.
11. All known violations of test security procedures shall be reported in writing, signed by the person making the report, and addressed to Division of Assessment and Reporting, Virginia Department of Education. The Virginia Department of Education will request an investigation of any test improprieties and implementation of an action plan as necessary. All corrective action plans must be submitted to the Division of Assessment and Reporting.

Please read legislation passed by the Virginia General Assembly (§ 22.1 - 292.1. Violation of test security procedures: revocation of license.) regarding the repercussions for violating test security.

This page may be photocopied.

**VIRGINIA DEPARTMENT OF EDUCATION
STANDARDS OF LEARNING (SOL) WEB-BASED ASSESSMENTS
SPRING 2005 TEST SECURITY AGREEMENT**

I acknowledge that I will have access to the **Virginia Standards of Learning (SOL) Assessments** (paper and/or online) for the purpose of administering the SOL assessments. I also acknowledge that I have read, understand, and agree to adhere to the *Test Security Guidelines*.

I understand that these tests and materials are highly secure, and it is my professional responsibility to protect their security as follows:

1. I will not divulge the contents of the test to anyone.
2. I will not copy/print/photograph or take notes about any part of the test.
3. I will not allow access to the tests to any student or other person not so authorized by the School Test Coordinator or Division Director of Testing.
4. If serving as an Examiner for online read-aloud test sessions, I will not answer test questions in the Web-based system before, during, or after the administration of the test.
5. I understand my Login ID and Password for the Virginia SOL Web-based Assessments Program are secure and must remain confidential.

Signed: _____

Print Name: _____

Position: _____

School: _____

Division: _____

Date: _____

NOTE

Proctors, Interpreters, and all individuals involved in transcriptions of student responses must also read and sign the Test Security Agreement.

This page may be photocopied.

**VIRGINIA DEPARTMENT OF EDUCATION
STANDARDS OF LEARNING (SOL) WEB-BASED ASSESSMENTS**

SPRING 2005 TEST SECURITY PROCEDURES

Please note the Virginia General Assembly in its 2000 session enacted the following legislation regarding test security:

§ 22.1 - 292.1. Violation of test security procedures: revocation of license.

- A.** The Board of Education may suspend or revoke the administrative or teaching license it has issued to any person who commits any of the following acts knowingly and willfully with the intent to compromise secure mandatory tests administered to students as required by this title or by the Board of Education:
1. Giving unauthorized access to secure test questions;
 2. Copying or reproducing all or any portion of any secure test booklet;
 3. Divulging the contents of any portion of a secure test;
 4. Coaching or assisting examinees during testing or altering examinees' responses in any way;
 5. Making available any answer keys;
 6. Failing to follow test security procedures established by the Department of Education;
 7. Providing a false certification on any test security form required by the Department of Education;
 8. Retaining a copy of secure test questions; and
 9. Participating in, directing, aiding, assisting in, or encouraging any of the acts prohibited by this section.

For the purposes of this section, "secure test" means an item, question, or test that has not been made publicly available by the Department of Education.

Nothing in this section shall be construed to prohibit educational personnel from providing input to administrators or other authorized personnel, including school board members and members of the General Assembly, except when done in a manner that violates test integrity or security regarding the accuracy, clarity, or propriety of test items or test administration procedures.

- B.** Nothing in this section shall be construed to prohibit or restrict the reasonable and necessary actions of the Board of Education, the Superintendent of Public Instruction, or the Department of Education in test development or selection, test form construction, standard setting, test scoring and reporting, or any other related activities which, in the judgement of the Superintendent of Public Instruction or the Board of Education, are necessary and appropriate.
- C.** Any suspension or revocation imposed for the acts enumerated in this section shall be rendered pursuant to Board regulations promulgated pursuant to the Administrative Process Act (§ 9-6.14:1 et seq. and § 22.1-298), governing the licensure of teachers.

This page may be photocopied.